

Bond Release Findings

0001

Mine Name: Pearl Queen
Operator: Basin Perlite Company
1400 16th St Ste 200
Denver, Colo 80202

I.D. No.: M001/0027
Mineral Ownership: State/BLM
Surface Ownership: State/ BLM
Permit Term: 1997

Disturbed Area: 24.55 Acres
Regraded: 10.2ac
Reseeded: 10.2ac

Acres Bonded: 33.35ac
Acres Released: 19.0ac
Acres Remaining: 14.35ac

Surety

Amount: CD# \$79,031.15, CD# \$2653.88

Form: Two CD's

Amount Proposed for Release: \$23985.03

Amount Recommended for Release: \$23985.03

Amount Remaining: \$57,700

Setting and Premining Environment

The mine site is West and North of Milford, Utah and is a perlite mine located on a ridge line and off the ridge west of the Blundel geothermal plant. The site was located in a Pinon Juniper plant community.

Operations

The mine was an open pit perlite mine using truck and loader mining techniques. The material was stockpiled to be trucked to Milford.

Hole Plugging

No drill holes were left unplugged.

Reclamation

The reclamation consisted of regrading and applying topsoil to the Pearl Queen pit, seeding with an approved seedmix.

Mine Engineering

Slopes and Highwalls. The site being released was graded to a stable configuration

Hydrology

Drainages. The site has little or no drainage and was left in a roughened configuration to add with erosion and revegetation.

Dams, Impoundments, Trenches, and Pits. The pit is small and dose not create enough runoff to cause concerns over impoundment of surface water.

Erosion Control. The site was left ripped on the contour and the vegetation has been established.

Roads: Access road to the Pearl Queen minesite is scheduled to be reclaimed.

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Revegetation

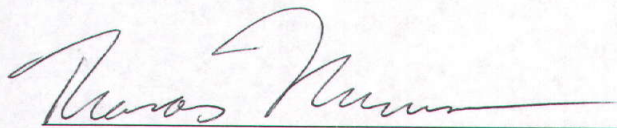
Postmining landuse. Wildlife and Grazing

Topsoil. Topsoil and perlite fines were used in the revegetation.

Revegetation: The site has achieved 70 percent of the premining vegetative ground cover based on inspection made in 2009. The site had been reseeded twice because original seeding did not take. The operator documented all his work. The Division has made the determination that the operator has done everything possible to achieve success.

Recommendation

The release is appropriate based on the success of the reclaimed areas on State lands. The recent accounting of remaining disturbance allows enough money to remain to reclaim remaining state and federal disturbance which amounts to 14.35 acres. The following disturbances correspond to the map provided. The following acreages remain in the permit, 2.25 acres associated with the Pearl Queen pit and 12.1 acres associated with the Schoo Pit for a total of 14.35 acres. The release allows for release of 8.8 acres of undisturbed acres related to the Pearl Queen pit and 10.2 acres of reclaimed pit also associated with the Pearl Queen pit.



Permit Lead

06/26/2010
Date

This page is a reference page used to track documents internally for the Division of Oil, Gas and Mining

Mine Permit Number M/001/0027 Mine Name PEARL QUEEN
 Operator _____ Date DP FINDINGS 1-26-10
 TO _____ FROM _____

☐ CONFIDENTIAL ☐ BOND CLOSURE ☐ LARGE MAPS ☐ EXPANDABLE
☒ MULTIPUL DOCUMENT TRACKING SHEET ☐ NEW APPROVED NOI
☐ AMENDMENT ☐ OTHER _____

Description

YEAR-Record Number

☐ NOI ☐ Incoming ☐ Outgoing ☒ Internal ☐ Superceded
BOND RELEASE FINDINGS 2010-0001

CONFIDENTIAL

☐ NOI ☐ Incoming ☐ Outgoing ☒ Internal ☐ Superceded
BOND RELEASE FINDINGS 2010-0001

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☐ NOI ☐ Incoming ☐ Outgoing ☐ Internal ☐ Superceded

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☐ TEXT/ 81/2 X 11 MAP PAGES ☐ 11 X 17 MAPS ☐ LARGE MAP

COMMENTS: _____

CC: _____